

line 18. The Examiner claims there insufficient antecedent basis for these limitations. Furthermore, the claim recites "an oblique angle" in line 11, while claims 3 and 4 recite "the angle . . . less than 45 degrees" in lines 2-4, which is acute; Correction was requested.

Furthermore, claims 3 and 4 were said to recite the limitations "the resistance" in line 4, "the intended direction" in lines 5-6 and "the midsection" in line 7. The Examiner claimed there is insufficient antecedent basis for these limitations in the claims.

The Applicant has carefully reviewed the cited art and has considered the Examiner's suggestions in relation to the art and the §112 rejections.

REMARKS

The Applicant believes the amended claims are not anticipated by the cited Hultgren or Hermann references because neither reference discloses or shows a heat exchanger where the inlet and outlet ports are disposed at the corners. As mentioned within the specification, this location advantageously creates turbulent flow upon entering the heat exchanger. Hultgren does not desire turbulent flow along the plates, but rather it desires improved circulation.

The Hermann reference likewise does not show or disclose the inlet and outlet ports at the casing corners. Furthermore, this reference does not seal both ends of the exchanger packing, meaning that flow paths differ from that of the

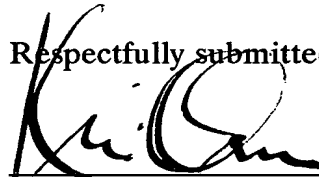
Björn HEED
Serial No. 08/737,042
December 8, 1997
Page 6

present heat exchanger.

Because neither reference exactly shows or discloses the exact structural device, nor its functional operation for that matter, it cannot be said that the amended claims are still anticipated by the cited art.

Applicant respectfully requests reconsideration and allowance of the pending claims. Because a like number of independent claims has been versus those added, no fees due for the new claims.

Respectfully submitted,



Keith H. Orum
Attorney Registration No. 33985
Attorney for Applicant

DVORAK & ORUM
53 West Jackson Boulevard
Chicago, Illinois 60604-3606
Phone: (312) 922-6262
Fax: (312) 922-7747

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner of Patents and Trademarks,
Washington, D. C. 20231, on December 8, 1997


Leah Grinnage